

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT NO. 986

702-0050

This agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission, hereinafter referred to as "COMMISSION", the Union Pacific Railroad Company, hereinafter referred to as "COMPANY", the County of Menard, hereinafter referred to as "COUNTY", and the State of Illinois, Department of Transportation, hereinafter referred to as the "DEPARTMENT".

WITNESSETH:

WHEREAS, it has come to the attention of the COMMISSION through formal correspondence that inquiry should be made into the matter of improving public safety at the crossing of the COMPANY 's track with a public highway known as County Highway ("CH") 11 located near the Village of Athens, Menard County, Illinois, designated as crossing AAR/DOT 175 479D, milepost 47.25CNWL; and

WHEREAS, proper investigation has been made of the circumstances surrounding the aforesaid crossing by a diagnostic team comprised of a representative of each party to this Agreement, and

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume, and all other pertinent data relating to the crossing have been obtained and shown on Exhibit A, attached to the Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish the proposed improvements upon a determination of COMMISSION by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the COMMISSION enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the statewide traveling public the Grade Crossing Protection Fund of the Motor Fuel Tax Law ("Fund") be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

Section 1 All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and Orders and procedures in general.

Section 2 The parties are of the opinion that the proper improvements in the

interest of public safety at the aforesaid crossing should be:

- (a) the widening of the roadway from the current 20 foot surface to a 22 foot surface with 4 foot shoulders and the reconstruction of the highway approaches to conform with requirements of 92 Illinois Administrative Code Part 1535.204.
- (b) the installation of automatic flashing light signals and gates, with an extra set of sidelights on the northeast signal mast directed northeasterly toward the entrance to a grain elevator, controlled by constant warning time circuitry.
- (c) the installation of a new crossing 40 foot concrete crossing surface replacing an existing flange/asphalt crossing surface to accommodate the widened roadway.

Section 3 The COMPANY and COUNTY have prepared preliminary estimates of cost to accomplish the proposed improvements that they may be required to perform, the estimates are attached as Exhibit B, Exhibit B-1 and Exhibit C. The COMPANY and COUNTY shall upon Order, according to the requirements contained therein, prepare detailed drawings, detailed circuit plans, estimates of cost, and any required specifications for the proposed improvements for the approval of the COMMISSION and DEPARTMENT.

Section 4 The COMPANY and COUNTY shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with their own forces or appropriate contracted services and agree that an appropriate time for the submission of plans should be one hundred twenty (120) days and for the completion of the proposed improvements should be twelve (12) months, from the date of COMMISSION Order subsequent to this Agreement.

Section 5 The parties hereto agree that an equitable division of cost for the proposed improvements should be:

(a) the cost for the roadway improvements listed in Section 2(a), estimated at \$118,496, should be allocated 100% of the actual cost, as well as the cost of future maintenance of the highway approaches to the crossing, to the COUNTY. (See Exhibit C, page 1).

(b) the cost for the warning device improvements listed in Section 2(b), estimated at \$157,113, should be divided 95% in an amount not to exceed \$149,257 to the Fund, with all remaining cost and all cost of future maintenance and operation of the warning devices being borne by the COMPANY. (See Exhibit B).

(C) the cost for the installation of the concrete crossing surface, estimated at \$49,880, should be divided 50% in an amount not to exceed \$24,940 to the COUNTY with the remaining 50% installation cost and all cost of future maintenance of the crossing surface being borne by the COMPANY. (See Exhibit B-1).

Section 6 The COUNTY is financially able and willing to bear an equitable portion of the cost for the proposed improvements as may be assigned by the Order and indicates this intent by Resolution attached as Exhibit D.

Section 7 Special Provisions: Since federal funding is being utilized for the warning device improvements at the subject crossing, all such work shall be covered by appropriate provisions of Title 23, Chapter I, Subchapter G, Part 646 of the Federal-Aid Policy Guide adopted Dec. 9, 1991.

Since the roadway work will be performed by the COUNTY or its contractor, contractor insurance and railroad liability insurance will be required as specified in Illinois Department of Transportation "Standards and Specifications for Road and Bridge Construction" Section 107.

All bills for expenditures related to items authorized reimbursed from the Grade Crossing Protection Fund for the warning device installation shall be submitted to Mr. Hank Cronister, Bureau of Local Roads and Streets, Main Office of the Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, IL 62764. The DEPARTMENT shall send a copy of all bills received to the Director of Processing and Information, Transportation Division of the COMMISSION. The final bill for expenditures from shall be clearly marked "Final Bill". All bills shall be submitted no later than twenty-four (24) months from the date of COMMISSION Order subsequent to this Agreement. The DEPARTMENT shall, at the end of the 24th month from the COMMISSION Order date, de-obligate all residual funds accountable for the warning device installation costs for this project.

The COMPANY and COUNTY shall at six (6) month intervals from the date of this Order until the project has been completed, submit written reports to the Director of Processing and Information, Transportation Division of the COMMISSION, stating the progress each has made toward completion of the work herein required. Each progress report shall include the COMMISSION Order number, the Order date, the project completion date as noted in the Order subsequent to this Agreement, crossing information (the name, title, mailing address, telephone number, and facsimile number of the COMPANY and COUNTY employee responsible for management of their portions of the project).

The COMPANY and COUNTY shall at six (6) month intervals from the date of the Order subsequent to this Agreement and continuing until the project is completed, submit written reports to the Director of Processing and Information, Transportation Division of the COMMISSION, stating the status of expenditures of the total project and percentage

of completion of the project. If the project is behind schedule, the report must also include a brief explanation of the reason(s) for the delay.

Section 7 This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the COMMISSION shall enter an appropriate order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.


In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated herein.

Executed by the COMMISSION this 8th day of April, 2002.



Michael E. Stead
Rail Safety Program Administrator

Attest



Robert S. Berry
Railroad Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. 986 concerning improvements at the crossing of the track of the Union Pacific Railroad Company with Quarry Road (County Highway 11), located near the Village of Athens, Menard County, designated as crossing AAR/DOT 175 479D, milepost 47.25 CNWL.

Executed by the Company this 26 day of April, 2002.

UNION PACIFIC RAILROAD COMPANY

By: Thomas T. Ogee
CHIEF ENGINEER

Attest: Kathy Klockner

Illinois Commerce Commission Stipulated Agreement No. 986 concerning improvements at the crossing of the track of the Union Pacific Railroad Company with Quarry Road (County Highway 11), located near the Village of Athens, Menard County, designated as crossing AAR/DOT 175 479D, milepost 47.25 CNWL.

Executed by the Department this 29th day of April, 2002.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: James G. Carterly, Jr.
Director of Highways

Illinois Commerce Commission Stipulated Agreement No. 986 concerning improvements at the crossing of the track of the Union Pacific Railroad Company with Quarry Road (County Highway 11), located near the Village of Athens, Menard County, designated as crossing AAR/DOT 175 479D, milepost 47.25 CNWL.

Executed by the County of Menard this ^{Bk 20th}~~14th~~ day of May, 2002.

THE COUTY OF MENARD

By: Barbara Kyes (Bk)

Attest:

Ann Lusk

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line Union Pacific Milepost 47.25 CNWL Inventory # 175 479D

City Near Athens Street County Highway 11 County Menard

Jurisdiction County Urban Rural X Commercial Residential X

Street Surface Bituminous Width 20' Condition Good

Angle 80° Tracks Tangent Degree of Curve Superelevation

Depth of Cut Height of Fill

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main</u>	<u>Timber</u>	<u>27'</u>	<u>Fair</u>
		<u> </u>	<u>/flange</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Intersecting Roads 100' 200'

Traffic Control Devices Present No

ADT 200 Speed Not Posted (55 mph) Statewide Yes

School Buses Hazardous Materials Farm chemicals Other

Rail Traffic: Ft. 6 @ 40 mph Pass. @ mph Switch

Simultaneous Movements No Daylight and Dark Yes

Present Protection Automatic flashing light signals with an extra set of sidelights on the northeast signal mast directed to a grain elevator located in the northeast crossing quadrant.

Advance Warning Signs Yes Pavement Marking

Visibility Study

Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE	N/A		N/A	
NW	N/A		N/A	
SE	N/A		N/A	
SW	N/A		N/A	

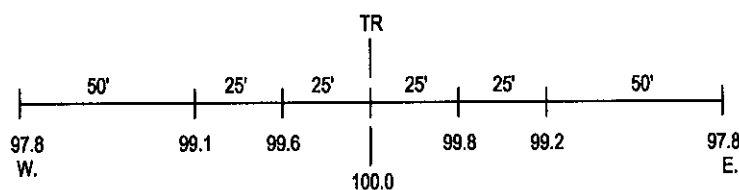
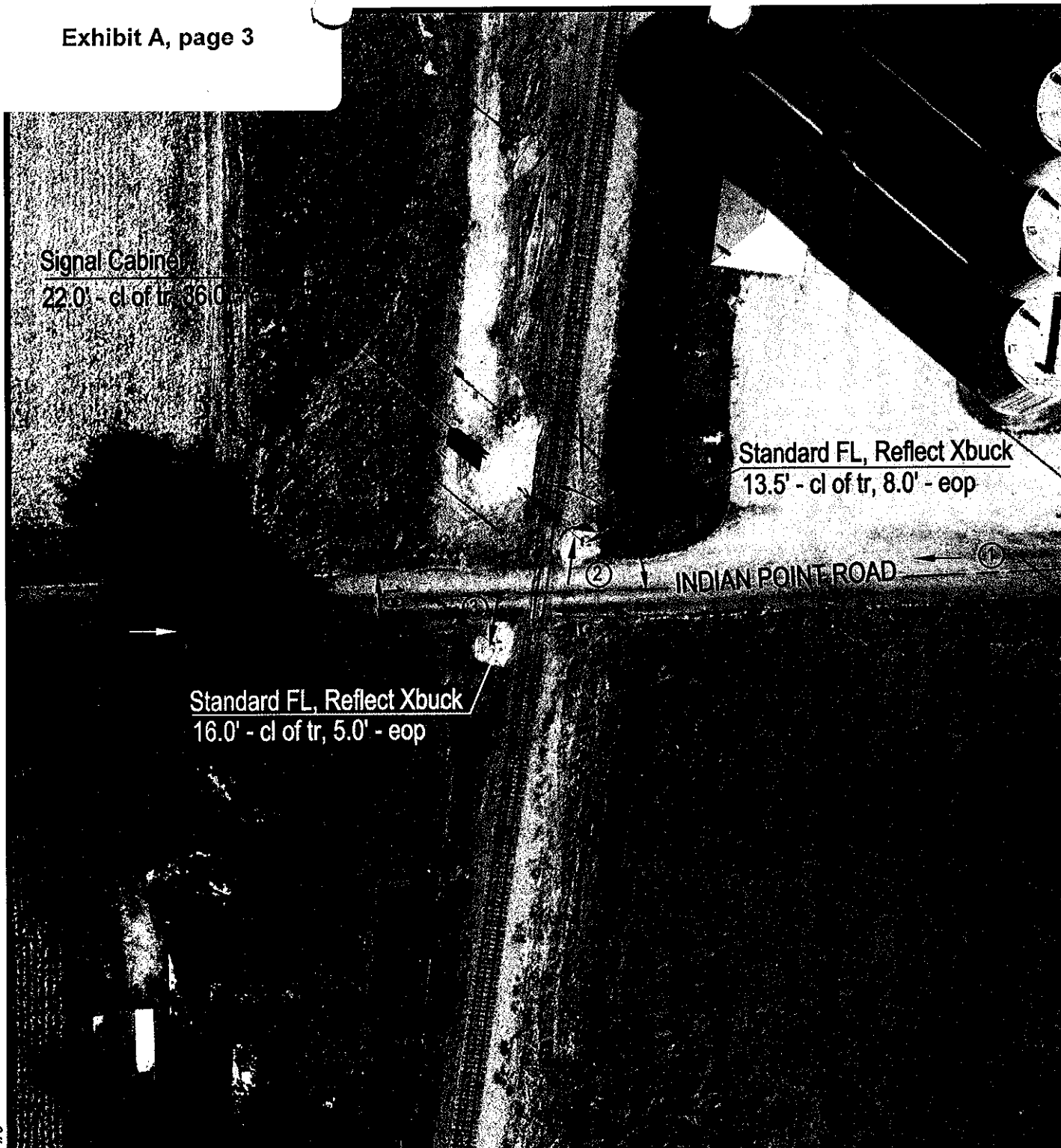
Approach Grades

East * ' % ' % ' %
West * ' % ' % ' %

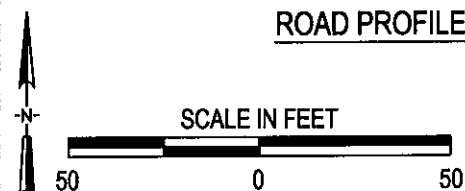
* Exist. Appr. Grades do not meet Commission requirements (see Exhibit C, page 3)

Comments: The highway approach and roadway project involving the railroad crossing extends from station 92+00 to station 107+00. This is the extent of the highway approach improvement, but not the County's roadway improvement. The entire roadway improvement as proposed by the County is approximately 2 miles in length, extending from the Ill. Rte. 29/CH 11 intersection on the west which is 1 and ½ mile to the west of the crossing, to a north-south township road ½ mile east of the crossing. The current highway approach grades do not conform to Commission requirements (See Exhibit C, page 3). Upon completion of the highway approach work, the highway approaches to the crossing will be in conformance with Commission regulations.

The existing crossing is currently equipped with automatic flashing light signals with sidelights on the northeast signal mast directed to the grain elevator. Since the signal units need to be replaced, and the Commission has adopted an all gate policy, it is not necessary to conduct a visibility study.



ROAD PROFILE



③ Photo Location

Crossing #: 175479D
 Location: Menard Co., City of Sweetwater (N)
 Lat/Long: 40°00'25" / 89°41'15"
 Railroad: IMRR
 Street: Indian Point Road
 Railroad Milepost: 47.25
 Crossing Protection: Train Activated Devices

DATE: 2001-09-05

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK
BY THE
UNION PACIFIC RAILROAD

DESCRIPTION OF WORK:

INSTALL CWT CIR., LED FL SIGNALS W/GATES, WIRE EXISTING SIGNAL INTO NEW
CABIN AT CH-11 (QUARRY RD.) IN SWEETWATER, IL. MP 47.25 ON THE PEORIA SUB
SIGNAL PROJECT MANAGER: ROY JAMES 245-2832
RAILROAD TO PERFORM ALL WORK/COST DISTRIBUTED AS FOLLOWS:
SIGNAL - STATE OF ILLINOIS 95% UNION PACIFIC RAILROAD 5%

PID: 39352 AWO: 01901 MP, SUBDIV: 47.25, PEORIA
SERVICE UNIT: 04 CITY: SWEETWATER STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			2038		1936	102	2038
LABOR ADDITIVE			7537		7160	377	7537
RECOLL-INSPE			2237		2125	112	2237
SIG-HWY XNG			1478		1404	74	1478
TOTAL ENGINEERING			13290		12625	665	13290
SIGNAL WORK							
BILL PREP			900		855	45	900
CONTRACT				5476	5202	274	5476
EARTH FILL/ROCK				2000	1900	100	2000
EQUIPMENT RENTAL				2500	2375	125	2500
FOREIGN LINE FREIGHT				1095	1040	55	1095
LABOR ADDITIVE			29719		28233	1486	29719
MATL STORE EXPENSE				2738	2601	137	2738
PERSONAL EXPENSES				12535	11908	627	12535
SALES TAX				3422	3251	171	3422
SIGNAL			22686	54760	73573	3873	77446
TRANSPORTATION CHARGES				1770	1681	89	1770
USAGE EQUIPMENT				4222	4011	211	4222
TOTAL SIGNAL			53305	90518	136630	7193	143823
LABOR/MATERIAL EXPENSE			66595	90518			
RECOLLECTIBLE/UPRR EXPENSE					149255	7858	
ESTIMATED PROJECT COST							157113
EXISTING REUSEABLE MATERIAL CREDIT					0		
SALVAGE NONUSEABLE MATERIAL CREDIT					0		
RECOLLECTIBLE LESS CREDITS							

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

EST START: 09-05-01

EST COMP: 12-31-01

PROJ NO: 39352

A.W.O. NO: 01901

W.O. NO:

B.I. NO: 01EN10

STATE: IL

VAL SEC: 1128

RAILROAD: UPRR CO.

LOCATION: SWEETWATER, IL, CH-11, PEORIA

DEPARTMENT: ENGINEERING SERVICES

----- STOCK MATERIAL PLAN -----

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040420	BATTERY,GNB,75A9 OR 50A13	179.77	6	EA	1079
02040660	BATTERY,GNB, 75A23 OR 50A27	317.64	7	EA	2223
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.04	200	EA	8
09011980	CABLE TIE, NYLON 3 1/2" MAX. DIA	0.22	20	EA	4
09014950	CIRCUIT BREAKER, 120/240V 20A AC	23.33	1	EA	23
09054300	RELAY,TAB 869 KRP11DN12V. SW.HTR.	11.39	1	EA	11
09054360	RELAY, GEN.PURPOSE 120V. TAB 856	9.23	1	EA	9
09057650	SOCKET,P-B 27E122 TAB 836A & 856	2.59	2	EA	5
09065700	TAPE, ELECTRICAL PLASTIC	2.39	2	RL	5
09066900	TERMINAL,SPADE,10-12 WIRE,#8 STUD	0.34	10	EA	3
09137100	TERM.LUG 3/16 CABLE-1/4 POST 2412	0.83	30	EA	25
09215100	33466 TERMINAL, RING TONGUE AMP	0.24	24	EA	6
09260350	TERMINAL,#16-14 #8 SPADE	0.07	10	EA	1
09261570	321527-1 TERMINAL, TEST	1.13	10	EA	11
09401140	ADAPTER, 4 INCH CARLON PLASTIC	2.25	2	EA	5
09409820	BUSHING, 4" PLASTIC,INSULATING	0.75	2	EA	2
09412460	CONDUIT,3/8 INCH FLEX STEEL SEALT	0.44	1	LF	0
09424920	CONDUIT, 4", PVC, TYPE 40	1.35	60	LF	81
09433970	CONNECTOR,3/8 INCH STRAIGHT BOX S	0.90	2	EA	2
09467930	LOCKNUT, 4 INCH, GALVANIZED	4.14	2	EA	8
09615550	LAMP,INCANDESCENT,10V.25W.	5.21	7	EA	36
09844170	GROUND ROD, 5/8 INCH X 8 FEET	5.24	9	EA	47
09846750	GRND.ROD CONN. 4WAY ONESHOT.	4.93	9	EA	44
09908640	WIRE,#6 AWG.1 COND.COPPER,SOLID	0.11	225	LF	25
09912200	WIRE #6 AWG 2 CND 500'ROLL SHIELD	1.17	500	LF	585
09913200	WIRE,#6, 5 COND 500'ROLL SHIELDED	1.89	400	LF	756
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.36	150	LF	54
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.14	1000	LF	140
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.31	170	LF	53
09946100	WIRE #14, 7 CND 500' ROLL SHIELDE	1.02	250	LF	255
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.08	250	LF	20
13060230	TOGGLE,SPRING WING 3/8	0.44	3	EA	1
13552450	SHEET METAL SCREW,#12 X 3/4"	1.99	2	BX	4
13553150	SHEET METAL SCREW #12 X 1"	2.93	1	BX	3
17061400	PADLOCK,SIGNAL,WITHOUT KEY,AMERIC	12.03	6	EA	72
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	3.11	1	EA	3
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	4.18	1	EA	4
28041880	PALLET, 48 X 40 INCH 2/WAY	8.26	2	EA	17
35040010	PLASTER OF PARIS, DENTAL GRADE	0.84	25	LB	21
39340220	SIGN, HIGHWAY CROSSING	50.00	2	EA	100

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

EST START: 09-05-01
EST COMP: 12-31-01

PROJ NO: 39352
A.W.O. NO: 01901
W.O. NO:
B.I. NO: 01EN10
STATE: IL
VAL SEC: 1128

RAILROAD: UPRR CO.
LOCATION: SWEETWATER, IL, CH-11, PEORIA
DEPARTMENT: ENGINEERING SERVICES

52000920	SURGE PROTECTOR SP19-2A TAB 586	67.89	1 EA	68
52001370	SURGE PROTECTOR SP20-2A TAB 585	69.48	1 EA	69
52003630	EXTENSION CORD - 12'	67.02	1 EA	67
52005690	BOND WIRE, 7 STRANDS	0.42	250 LF	105
52016830	WIRE DUCT, 2X3	8.28	15 EA	124
52016940	WIRE DUCT, 3X3	10.05	2 EA	20
52017510	WIRE DUCT COVER 2"X6'	1.90	15 EA	29
52017620	WIRE DUCT COVER 3"X6'	2.74	2 EA	5
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	245.01	2 EA	490
52019560	EQUALIZER, H.D. TAB 583	9.15	5 EA	46
52021550	FOUNDATION, 4', STEEL, FOR FLSHR/GAT	232.27	2 EA	465
52025240	HOUSE, 6X6, SIGNAL XING	4214.10	1 EA	4214
52027350	CLIP BOARD - FOR SIGNAL PRINTS	6.51	1 EA	7
52027430	STEP BOX	12.77	1 EA	13
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.96	11 EA	77
52029780	LIGHTNING ARR, HD TAB 582 W/O BASE	9.82	4 EA	39
52030010	LIGHTNING ARRESTOR CONN. STRIP	4.13	2 EA	8
52039210	RECTIFIER, 20EC, 12V. TAB 575	338.04	1 EA	338
52039390	RECTIFIER, 40EC, 12V. TAB 577	470.33	1 EA	470
52040400	RESISTOR, ADJ. 0.63 OHM TAB 91	24.62	4 EA	98
52040460	RESISTER, ADJ. 5 OHM, TAB 90	12.76	1 EA	13
52042650	POST, MOUNTING, FOR SHUNT HOUSING	8.91	4 EA	36
52045700	SURGE SUPPRESSOR, PRIMARY, #2377-4	9.01	1 EA	9
52068650	TERMINAL, #6 - 5 WIRE - RING TYPE	0.19	20 EA	4
52069100	TERMINAL, #6 WIRE - RING TYPE	0.85	10 EA	9
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.08	300 EA	24
52071600	TERMINAL, #20-16 WIRE, RING TONGUE	0.06	150 EA	9
52072280	TERMINAL BLOCK, SIGNAL 2 POST BAK	2.25	25 EA	56
52072510	TERMINAL BLOCK, SIGNAL 3 POST TEST	6.26	3 EA	19
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	8.60	4 EA	34
52074550	TEST LINK, INSULATED ASSEMBLY TAB	0.67	24 EA	16
52079550	WIRE TAG, PLASTIC - WHITE	0.12	100 EA	12
52079560	MARKING PEN (FOR WHITE TAG)	1.94	1 EA	2
52092250	CRTU. W/MICROBURST TRANSCEIVER.	1634.73	1 EA	1635
52108120	LED FL/GATE ASSY. 2 WAY LIGHTS	7113.29	1 EA	7113
52108180	LED-FL/GATE ASSY. 2WMM1W45FR	8107.00	1 EA	8107
52109370	GATE ARM, ADJ. 16-32'	217.55	2 EA	435
52122140	HIGH WIND BRACKET 5"OR 4"	63.99	2 EA	128
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52138310	GUARD LINER PLATE, 84 INCH DIA	252.79	2 ST	506
52139160	GUARD POST, W6 X 8.5 X 6 FEET	35.82	12 EA	430
52203400	DETECTOR, LIGHT OUT, LOD-1	469.04	1 EA	469
52205800	GCP111 NO ISLAND #81KB-80110-0B00	14405.53	1 EA	14406
52240000	IPI MODULE-GCP3000D2 #80211	1067.05	2 EA	2134
52246000	RESISTOR, 47,000 (47K) OHM .5 WATT	0.20	4 EA	1
52258590	NBS, TAB 641, 62775-1543	390.02	2 EA	780

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

EST START: 09-05-01
EST COMP: 12-31-01

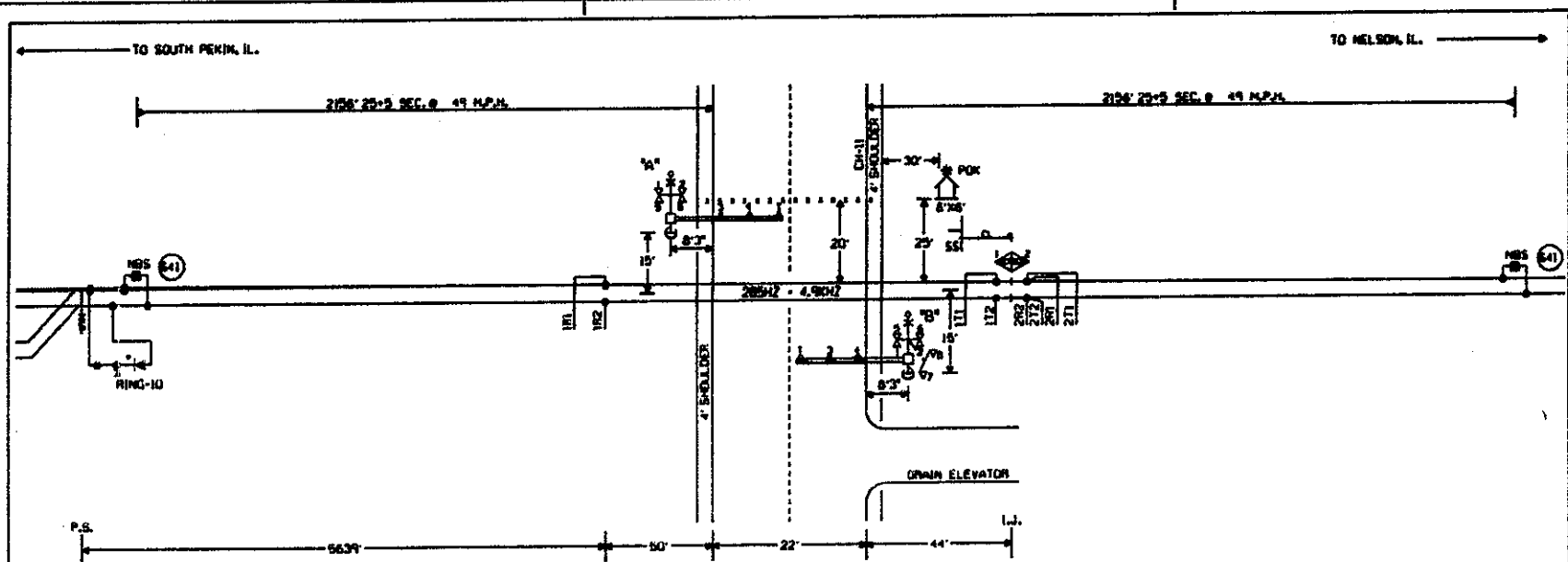
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A.W.O. NO: 01901
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STATE: IL
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RAILROAD: UPRR CO.
LOCATION: SWEETWATER, IL, CH-11, PEORIA
DEPARTMENT: ENGINEERING SERVICES

52263600 SURGE ARRESTOR, METER LOOP.	26.71	1 EA	27
52264040 SURGE PANEL - TAB 618	202.02	1 EA	202
52276050 CROSSING ANALYZER, HCA-1	1710.31	1 EA	1710
52726820 RELAY, FLASHER TAB 887	338.01	1 EA	338
52728800 RELAY, B1LC. TAB 911 A62-310	295.37	1 EA	295
52745830 RELAY, NEUTRAL, B1 TAB 884 & 884A	235.01	2 EA	470
52752390 RELAY, B1SR. 3 SEC. TAB 893	421.74	1 EA	422
52773760 RELAY BRACKET, HOLDS 14 B1 RELAYS	204.35	1 EA	204
52776370 RELAY PLUGBOARD, GRS B1, TAB 900	32.89	5 EA	164
52777970 FLAG TERMINAL, FOR GRS, 14-10	0.88	100 EA	88
52778110 FLAG TERMINAL, FOR GRS, 20-16	1.01	100 EA	101
52779280 RELAY TEST TERM, GRS B1 TAB 770 & 864	6.85	5 EA	34
52842220 DIODE JEDEC NUMBER 1N4004	0.03	1 EA	0
52959000 POWER TAP MATERIAL	1000.00	1 EA	1000
53311490 EXTRACTOR FOR "B" TERMINALS P3-308	9.82	1 EA	10
53311510 TEST NUT WRENCH. GRS #P3-320	39.94	1 EA	40
53648010 INSULATING CAP & SHIELD ASSY.	2.06	10 EA	21
53903460 EPD 120/240TDFL SURGE PROTECTOR	305.76	1 EA	306
53954500 180429-000 BOOTLEG KIT	85.41	5 EA	427

TOTAL

54,760



NOTES:


- ⊗ TWISTED WIRES
INSULATED 1 THIST PER FT.
ALL TRUCK WIRES 2C. #6
- TRANSMITTER AND RECEIVER LEADS
TO BE SEPARATED BY AT LEAST 12" IN TRENCH.
LENGTHS SHOULD NOT EXCEED MANUFACTURERS
RECOMMENDATION.
- TOP OF FOUNDATION TO BE AT SAME ELEVATION
AS THE SURFACE OF THE TRAVELED WAY & NO
MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.
- ALL BUNGALOW WIRING TO BE #16 AND FLEX
UNLESS OTHERWISE SPECIFIED EXCEPT ALL GROUND
WIRE TO BE #6 AND FLEX OR LARGER.
- ALL WIRING IN GATE MECHANISM TO BE #10 "WAG FLEX".
REFER TO UP STANDARD DWG FOR BUNGALOW GROUNDING.
- DO NOT USE 7 CELLS OF B12 BATTERY UNLESS
REQUIRED TO MAINTAIN MINIMUM LAMP VOLTAGE.
- ALL LIGHTS TO BE 12" ROUNDLS.
- 4" X 40 CONDUIT
- LIGHTS: LED LIGHTS
- DATE 4-22
- DATE 5-23
- CRU MICROBURST
- = 1/2" ROUND GUARD RAILS

CONSTRUCTION NOTES:

1. REMOVE EXISTING METER POLE AND 4"x6" HOUSE.
2. 1/2" GUARD RAILS TO BE INSTALL AROUND
EACH GATE.
3. POWER SERVICE MAY NEED TO BE MOVED
AWAY FROM ROAD.
4. GIVE HOUSE WIRING TO INCLUDE SIGNAL
EQUIPMENT, AND EQUIPMENT TO BE
FIELD TRANSMFERED.

SWEETWATER, IL.
CH-11 (CLARKY RD.)
M.P. 47.25
PEORIA SUB.
D.D.T. 175 4740

54-0-0-N

				MODIFICATION LEVEL		UNION PACIFIC		DESIGN		UNION PACIFIC RAILROAD SWEETWATER, ILLINOIS HIGHWAY CROSSING SIGNALS CONTROL CIRCUITS		DATE 6-18-01
				BA. LAST LEVEL CHD'D		00				DESIGN		SHEET 1
				LAST LEVEL FOR THIS TYP.		00		CHKD		APP. CHD		DATE 47-25
				LAST LEVEL BY DESIGNER		00		ID- STL 4725JX		OFFICE OF CHIEF ENGR		STL
				OWNED FROM TYP. 2 T/M		1		SIGNAL DESIGN		DATE 6-18-01		

DATE: 2001-03-15

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK
BY THE
UNION PACIFIC RAILROAD

DESCRIPTION OF WORK:

MP B47.25 - PEORIA SUB. - SWEETWATER, ILL.
RENEW EXISTING 25 FT PLANK AND ASPHALT ROAD CROSSING WITH 40 FT
CONCRETE ROAD CROSSING.
RELAY 80 TF OF WORN 115# RAIL WITH NEW 115# RAIL.
PLACE 2 CARS OF BALLAST.

PID: 39372 AWO: 02196 MP, SUBDIV: 47.25, PEORIA
SERVICE UNIT: 02 CITY: CH-11 (QUARRY RD STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			827		413	414	827
LABOR ADDITIVE			1166		583	583	1166
TOTAL ENGINEERING			1993		996	997	1993
SIGNAL WORK							
LABOR ADDITIVE			819		409	410	819
MATL STORE EXPENSE				5	2	3	5
SALES TAX				4	2	2	4
SIGNAL			762	110	436	436	872
TOTAL SIGNAL			1581	119	849	851	1700
TRACK & SURFACE WORK							
BALAST	2.00	CL		1046	523	523	1046
COMPANY USAGE				1500	750	750	1500
CONTRACT - ASPHALT				3750	1875	1875	3750
FIELD WELD			58		29	29	58
FOREIGN LINE FREIGHT				4000	2000	2000	4000
HOME LINE FREIGHT				1500	750	750	1500
LABOR ADDITIVE			10019		5008	5011	10019
MATL STORE EXPENSE				358	179	179	358
OTM			444	562	503	503	1006
RAIL	160.00	LF	601	1723	1161	1163	2324
RDXING	40.00	TF	2623	6418	4520	4521	9041
SALES TAX				449	224	225	449
TRK-SURF, LIN			3942		1971	1971	3942
WELD			1882	199	1040	1041	2081
XTIE	35.00	EA	3753	1360	2556	2557	5113
TOTAL TRACK & SURFACE			23322	22865	23089	23098	46187
LABOR/MATERIAL EXPENSE			26896	22984			
RECOLLECTIBLE/UPRR EXPENSE					24934	24946	
ESTIMATED PROJECT COST							49880
EXISTING REUSEABLE MATERIAL CREDIT					0		
SALVAGE NONUSEABLE MATERIAL CREDIT					0		
RECOLLECTIBLE LESS CREDITS							

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

WORK ORDER AUTHORIZATION DETAIL OF ESTIMATED EXPENDITURES

ST START: 01-01-01
ST COMP: 12-31-01

PROJ: 39372
A.W.O. NO: 02196
W.O. NO:
B.I. NO: 01EN10
STATE: IL
VAL SEC: 1128

RAILROAD: UPRR CO.
LOCATION: PEORIA SUB
DEPARTMENT: ENGINEERING SERVICES

----- STOCK MATERIAL PLAN -----

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
19065700	TAPE, ELECTRICAL PLASTIC	2.40	1	RL	2
19135650	2363 J,SLEEVE,4-6,REDUCING	0.84	10	EA	8
19136370	2367 J SLEEVE,SPLICING,4-4	0.84	10	EA	8
19874890	STAPLE, COPPERWELD 3/8 X 1 3/4 X	0.17	12	EA	2
20210000	SWITCH TIE 7" X 9" X 10'	42.28	25	EA	1057
20279910	CROSS TIE NO DRILL 7" X 9" X 9' H	30.37	10	EA	304
20003190	BOND WIRE, 7 INCH LONG, 5/16 DIA.	3.65	10	EA	37
20005690	BOND WIRE, 7 STRANDS	0.42	100	LF	42
20007040	WEB WELD BOND WIRE TK.CIRC.CONN.	2.67	4	EA	11
54002000	ASPHALT, CROSSING FILL	30.00	30	TN	900
54002100	112-119# CONCRETE XING 10'LONG-10	1004.22	4	ST	4017
54019000	CONC XING END PLATE FOR WOOD TIES	79.78	1	ST	80
54019500	FLANGE FILLER, 112-140# W/STD FLA	289.89	4	ST	1160
54066500	CONCRETE XING DEFLECTOR PLATE	262.50	1	ST	263
55014130	RAIL ANCHOR 5-1/2 BASE HD CHANNEL	0.88	144	EA	127
55014132	RAIL ANCHOR 5-1/2 BASE HD CHANNEL	0.44	198	EA	87
55067070	TRK SPIKE 5/8 X 6 1/4 IN 200# KEG	48.98	3	KE	168
55111600	RAIL 115# HH RAIL BBE	10.77	160	LF	1723
55265930	FIELDWELD KIT, 115 LB. PREM. ORGO	49.98	4	EA	200
55437792	TIE PLATE 8 X 13, 5.5" BASE 8HOLE	1.82	99	EA	180
56207660	BALLAST, CLASS 1 "D"	5.51	190	TN	1047

TOTAL 11,423

MATL STORE EXP 364
SALES TAX 456

ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT

PRELIMINARY HIGHWAY APPROACH COST ESTIMATE

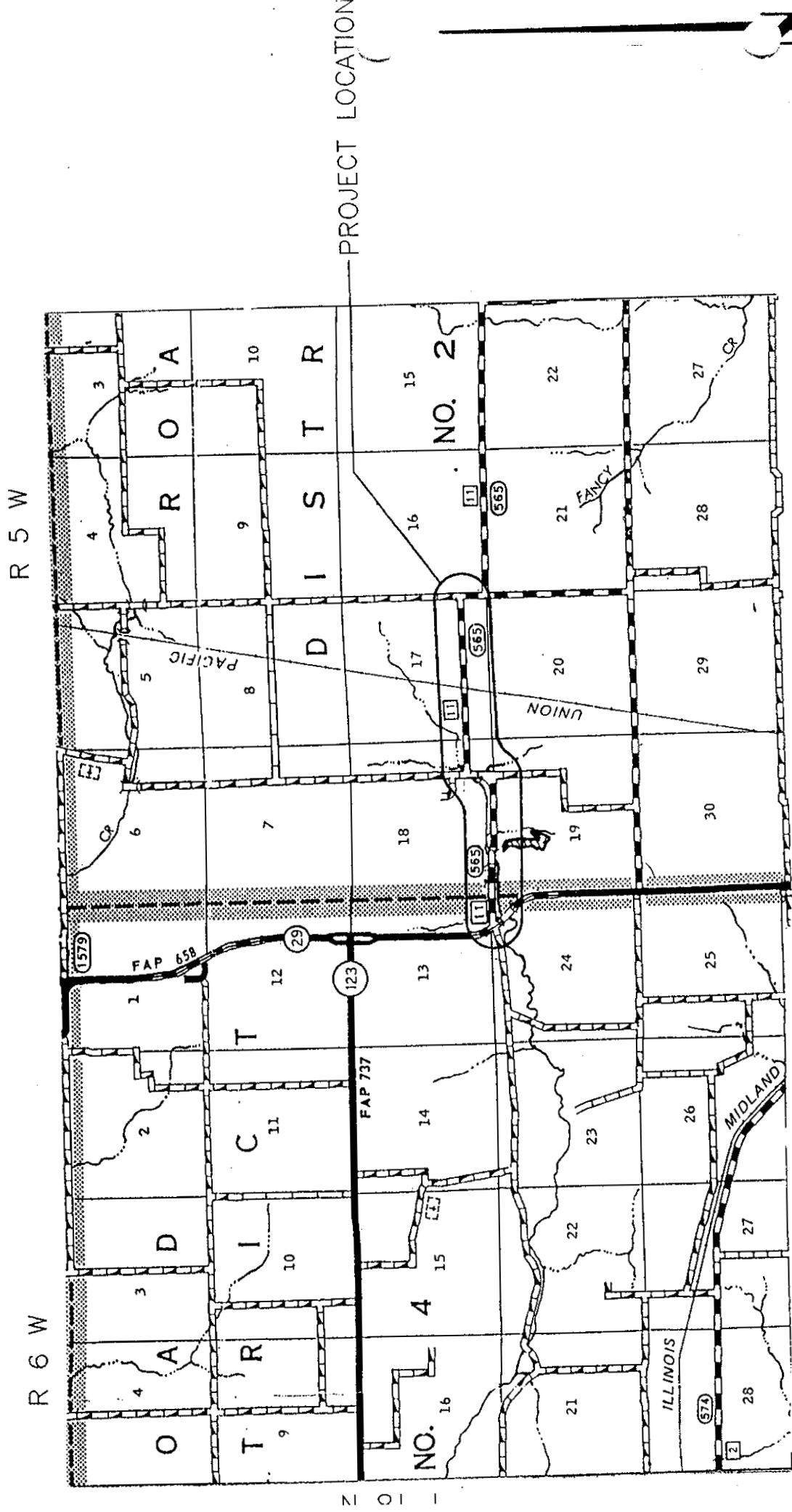
Date April 5, 2002

Agreement # 986

The cost to accomplish the highway subway improvements contemplated in Section 2 of this Agreement is estimated to be \$118,496.

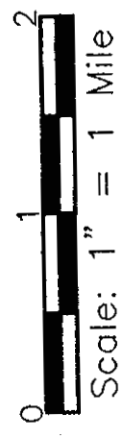
GENERAL ITEM COSTS

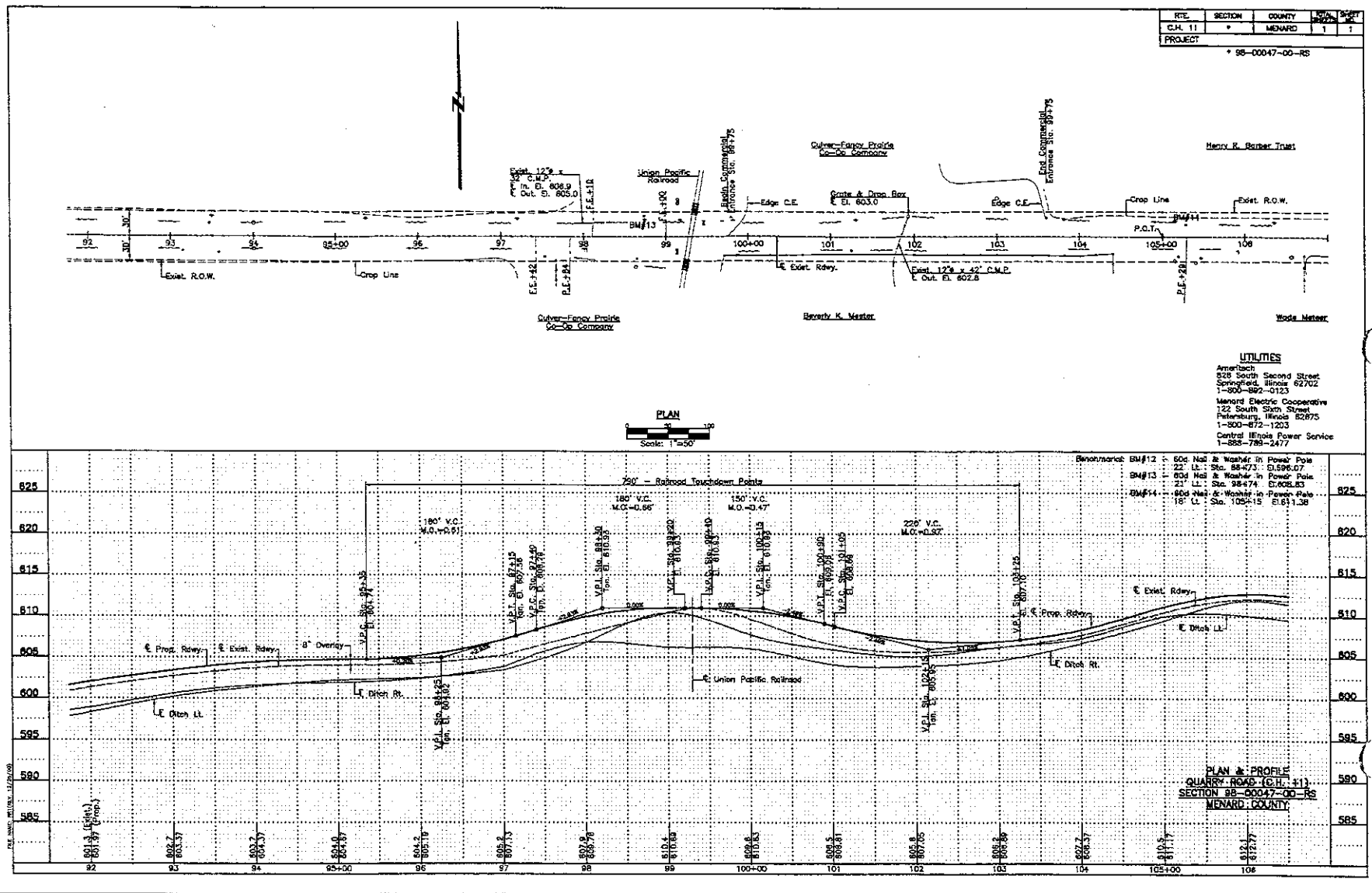
1	Bituminous overlay	1984 ton @ \$40/ton	\$ 79,360
2	Aggregate entrances	583 ton @ \$20/ton	\$ 11,600
3	Embankment	652 Cu. yd. @ \$8/Cu. yd.	\$ 5,216
4	Earth Excavation	503 Cu. yd. @ \$8/Cu.yd	\$ 4,024
5	Bituminous materials	966 gallons @ \$4/gallon	\$ 3,864
6	Aggregate shoulders	180 tons @ \$20/ton	\$ 3,600
7	Contingency 10%		\$ 10,772
	Total		\$ 118,496

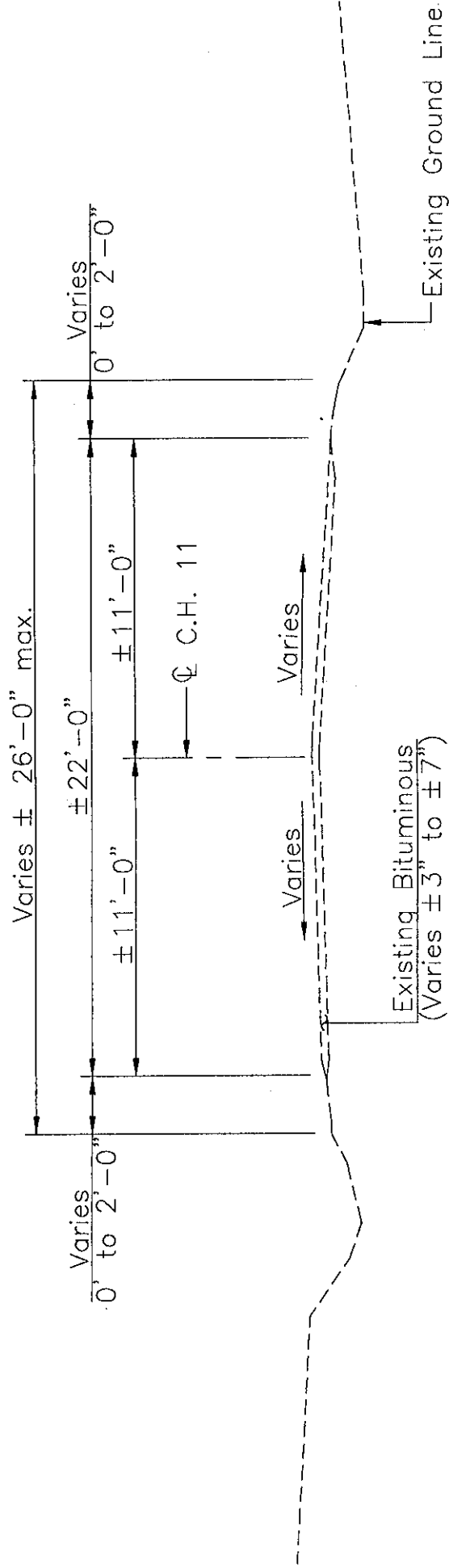


LOCATION PLAN

Length of Section - 13302.00 Feet = 2.519 Miles

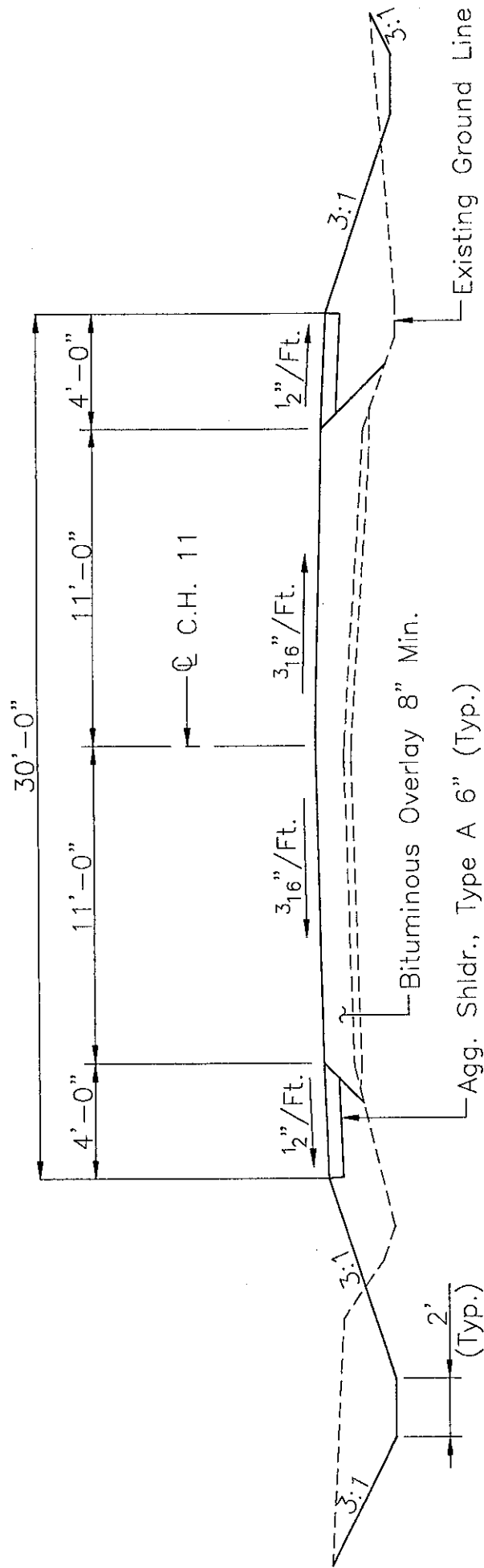






EXISTING CROSS SECTION

QUARRY ROAD (C.H. 11)
 SECTION 98-000047-00-RS
 MENARD COUNTY



PROPOSED CROSS SECTION
(Sta. 95+35 to Sta. 103+25)

QUARRY ROAD (C.H. 11)
SECTION 98-000047-00-RS
MENARD COUNTY

ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT

Date May 14, 2002

Agreement # 986

The Menard County Board
(Board or Council of Township, Village, City, County, etc.)

meeting on ^{bk May 20}~~May 14~~, 2002, Resolved to authorize Thomas R. Casson, Co. Engineer
(Name, Office)

to act as its designated agent in the processing of this Stipulated Agreement and
that the County of Menard is financially willing and able to
(Township, Village, City, County)

bear the cost for the proposed improvements as may be assigned to it according
to Section 5 of this Agreement.